

VOICE CARRIED ACROSS CONTINENT

AMERICAN TELEPHONE & TELEGRAPH COMPANY ACCOMPLISHES REMARKABLE TEST.

FROM NEW YORK TO FRISCO

New Invention Makes Connection With Wireless Smoothly When Telephone President Talks to San Francisco, Cal.

New York.—Theodore N. Vail, president of the American Telephone & Telegraph company, picked up an instrument from his desk in his office at 15 Dey street Wednesday afternoon and said in quite an ordinary tone: "Hello, Carty. This is Vail talking. Can you hear me?"

In the wireless tower of the United States navy yard at Mare Island, Cal., which is in San Francisco bay, and something like 3,000 miles from here, John J. Carty, chief engineer of the corporation and leading scientist in the business of communication, caught the voice of his friend.

"Yes, I hear you! This is fine! This is wonderful!" he said.

Another feat of distance obliteration had been accomplished. The sound of Vail's voice had crossed the continent, had spanned the thousand leagues of farm land, prairie and mountain, almost entirely through the air, almost entirely without the use of wires. The wireless telephone, long sought, had been proved a complete success.

Vail's words went from his office over a wire to the top of the United States navy yard at Arlington, Va., which is 650 feet high. From that point, without interruption, they leaped into the air and sped to the top of the naval radio station at Mare Island, which is 350 feet above sea level. There Carty heard them.

It was more than a wireless telephone test. It was a test of wire, then wireless communication.

Had there been a radio tower of sufficient height in New York City, the message might have been sent entirely through the air. But that would have been easier to do than what actually was done.

Carty's reply to the president of the company was made over a wire telephone, because there was no wireless sending apparatus at Mare Island. If there had been one, and a tower here, the entire conversation would have been through the air.

But—as if to make the thing more amazing than it really was—here was Vail in New York talking to his engineer across 3,000 miles of space, and the receiving end of the home instrument hearing his reply over 3,000 miles of wire.

"What a glorious success!" exclaimed Vail as he listened to Carty's voice. "I want to congratulate you and the others who have brought it about." This went by wire and air.

"What next?" answered the engineer. "We can't tell, eh?" This came by wire.

Vail spoke certain sentences through the air and asked Carty to repeat them to show he was actually hearing. To the president of the company and to a score or so of others who sat close to him, each with a receiver at his ear, came back the words, repeated exactly.

There was no doubt that the new marvel had been wrought successfully. It was the culmination of many months of tests at lesser distances. It became known at the New York offices of the telephone and telegraph company that in August Carty had talked with Lieut. Cranshaw, an army officer stationed at Panama, which is 1,800 miles away.

The discovery is of tremendous significance in the work of long-distance communication. For instance, it would have been much easier, it was declared by Carty from San Francisco, to have talked to London, Paris or Berlin than to talk to San Francisco. Were it not for the war that very thing might have been done.

It will eventually be a very simple matter, Carty said, to call up a friend who is on a ship in midocean and have a conversation with him. And, eventually, again, there will be no place—desert, mountain top, jungle—which will not have its telephone station, because the stringing of wires, Carty explained, will not be necessary. The remotest hamlet will simply have its wireless telephone.

Patrolman Shoots Police Chief. Oklahoma City, Ok.—Chief of Police W. B. Nichols was shot three times by Patrolman John Lung and John Biddle, another policeman, was wounded in the fight, which occurred in the police station.

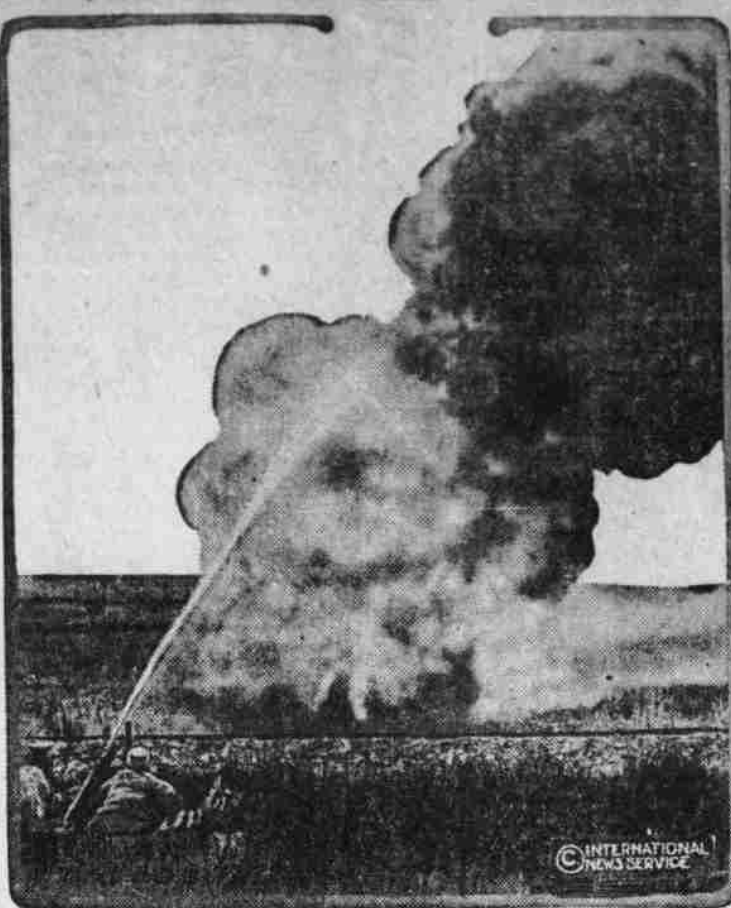
Bushel of Wheat Nets Man \$375. Denver, Colo.—The world's sweepstakes for the best bushel of wheat displayed at the International Soil Products Exposition and Farm Congress was awarded to Seager Wheeler of Rosheen Saskatchewan. This bushel of wheat has netted Wheeler \$375.

Woman, 84, Wants to Enter Kansas U. Lawrence, Kan.—Mrs. Amy Winslip, 84 years old, applied for permission to enroll as a student in the Kansas University.

Young Woman Killed by Auto. Los Angeles, Cal.—Miss Clio Davenport, sister of the late Homer Davenport, cartoonist, is dead and her fiancé, Frank Travers, is in a precarious condition as the result of an automobile accident.

Gen. Von Kluck Recovered. Berlin.—Gen. Alexander H. R. von Kluck, after a period of recuperation in the country, is now fully restored to health and is living in his Berlin home, according to an unofficial announcement made here.

LIQUID FIRE AS USED IN THE WAR



This photograph, taken recently "somewhere in France," shows how the French have taken a lesson from the Germans and have adopted the frightful liquid fire as a weapon of defense.

BANK OFFICIALS INDICTED

MEN WHO SUEB McADOO ARE CHARGED WITH PERJURY.

Made False Affidavits as to Certain Dealings in Certain Stocks.

Washington, D. C.—Charles C. Clover, president of the Riggs National Bank; William J. Flather, vice president, and H. H. Flather, cashier, were indicted on a charge of perjury in connection with the bank's recent suit against Secretary McAdoo and Comptroller Williams.

Four indictments were returned against each of the bank officials, who are charged with perjury in making an affidavit which set forth that the bank never had engaged in stock market transactions and had no transactions with Lewis Johnson & Co., a defunct firm of local stock brokers.

Attorneys for Secretary McAdoo and Comptroller Williams contended at the trial of the bank's suit that the books of Lewis Johnson & Co. showed many transactions in the names of the bank officials named. The case soon afterward was laid before a grand jury. Vice President Milton E. Ailes and Joshua Evans, Jr., assistant cashier of the bank, were called to testify.

The indictments are a sequel to the suit of the bank, which alleged that Secretary McAdoo and Comptroller Williams, because of personal animus toward some of the bank's officers, had conspired to injure the institution.

ON TO VICTORY AND DEATH

Russian Nun Leads Soldiers to Charge When All Officers Were Slain.

Petrograd, A.—A Russian sister of charity, Mira Ivanovna, was killed on the field of battle in a severe engagement Sept. 22. Heedless of the entreaties of the officers near her, including her brother, who is a regimental surgeon, that she leave the field, she continued to care for the wounded amid a hail of rifle and machine gun fire.

The commander and all the other officers of the Tenth Company of her regiment were killed in the action. Realizing that the position was a critical one, she rallied the survivors of the company and with them charged the German line, drove it back and captured a German trench. At the moment of victory she fell, mortally wounded.

SIX NAVAL CADETS EXPELLED

Four Others Suspended for Year and 15 Set Down in Classes for Hazing.

Washington, D. C.—Six cadets at Annapolis were dismissed, four were suspended for one year and fifteen were turned back to the next lower class as a result of hazing investigations at the naval academy, Secretary Daniels announced.

F. W. Benson, a son of Admiral Benson, chief of operations in the navy, and A. B. Craig, the son of Gov. Craig of North Carolina, are among the 15 ordered set back.

Record Payroll in Pittsburgh. Pittsburgh, Pa.—Reports of five of the largest banks carrying the payroll of big corporations in the Pittsburgh district show that the October pay will approximate \$32,000,000, exceeding that of any month by at least 15 per cent.

Fewer Failures in Germany. Berlin.—The number of bankruptcies in Germany from July to September of this year was 881, as compared with 1,008 during the same period of last year.

Bank Cashier Sentenced. DeWitt Bluff, Ark.—B. E. Walker, former cashier of the Bank of Hazen, Ark., was sentenced to two years in the penitentiary, after he was found guilty in circuit court of embezzlement and making false entries.

Commons Passes Motor Duties. London.—By a vote of 174 to 8 the house of commons passed the motor import duties proposed in the budget presented by Reginald McKenna, chancellor of the exchequer.

Parole Denied to Evelyn Arthur See. Joliet, Ill.—Evelyn Arthur See, founder of the so-called absolute life cult and its former high priest, was denied a parole by the state parole board when that body convened at the prison.

Pays 10 Cents an Ear for Corn. Denver, Colo.—T. Z. Chang, Chinese minister of agriculture, purchased 50 ears of corn that won the sweepstakes prize at the International Soil Products Exposition in session here, for 10 cents an ear.

BRITISH TROOPS DEFEATED AT LOOS

FRENCH AVIATORS DROP BOMBS ON LUXEMBURG—DAMAGE UNKNOWN.

FRENCH HOLDING THEIR OWN

Berlin Reports Eastern Campaign as Making Progress Under Von Hindenburg—Airship Forced to Land.

Berlin.—Repeated attempts by the British to recapture territory lost north of Loos failed completely, with very heavy losses, according to an official statement issued at the war office. The loss to the French of a small section of a trench east of Neuville in a night engagement is admitted.

French aviators dropped bombs on the neutral city of Luxembourg. The text of the communication follows: "Western war theater—In the afternoon enemy aviators directed fruitlessly a bombardment against the neighborhood of Westende.

"Repeated attempts by the British to regain territory lost by them north of Loos were completely repulsed with heavy losses. After bitter hand to hand fighting in certain quarters, the enemy abandoned his attack here.

"East of Souchez a French advance failed, notwithstanding the employment of a considerable quantity of gas grenades. An enemy attempt to make an attack from Neuville against Hill Pons east of that place were repulsed with very heavy losses to the enemy. In a nocturnal hand grenade engagement following this attack, we lost a section of trench extending over a length of 40 meters.

"The enemy repeated his aerial attacks on Lion and Vogler. At both places several civilians again fell victims to the bomb droppers. In the Rethel district the French airship Alasce was forced to make a landing and the crew was taken prisoners.

"Eastern war theater—Army group of Field Marshal von Hindenburg: During cavalry engagements south of Kolosny, the opposing forces were driven back across the Mjadsjolka."

Canal Closed Until Nov. 1. Washington.—Dispatches to the war department announced there was little prospect of reopening the Panama canal before November 1.

Man Cut in Two by Train. Benton, Ill.—Otto Buckner was killed here by a switch engine while attempting to board an Illinois Central train to return to his home at Christopher. His body was cut in two.

President to See Series Game. Washington.—President Wilson has been invited to attend the opening game of the world's series at Philadelphia next Friday and may accept.

Life Sentence for Capello. Benton, Ill.—Thomas Capello was found guilty by a jury in the Franklin county circuit court of the murder of Robert T. Hill, chief of police of Sesser, on July 12. He was sentenced to serve a life term in the Chester penitentiary.

Sentenced to Death, Escapes; Caught. Murphysboro, Ill.—Elliston Scott, a negro, was found guilty of the murder of his sister-in-law, in circuit court here, and sentenced to be hanged. Immediately after being sentenced he escaped from jail, but was captured by a sheriff's posse.

Whisky in Coffins. Chattanooga, Tenn.—T. C. Betterton, general manager of the Tennessee Coffin and Casket Company, was arrested charged with violating the penal code of the United States by shipping whisky in caskets sent out from his factory without showing their contents.

Movies Tiger Loose. San Pedro, Cal.—A tiger which was being transferred from a local moving picture zoo to Catalina Island, sprung the bars of its cage soon after the boat left here. It raced through the vessel, clawed a sailor and then jumped overboard and swam ashore.

British Women to Bar Candy. London.—One of the first reforms proposed by the Women's War Economy League is the barring of sweetmeats. Other needed economies relate to the \$35,000,000 spent annually in motor cars, motor cycles and \$20,000,000 on imported gasoline.

Dr. Cook Arrested as Spy. San Francisco, Cal.—Dr. Frederick A. Cook, who left San Francisco in June to climb Mount Everest in the Himalayas, was arrested in Rangoon, Burma, as a German spy, and his motion-picture outfit was confiscated.

To Undergo War Test. Zurich, Switzerland.—The Hungarian minister of national defense has ordered all classes between the ages of 19 and 42, who were previously declared unfit for military service, to present themselves again for supplementary enrollment.

See Stings Woman's Tonsil. Kingman, Ind.—Mrs. Ed Reath was the victim of an unusual accident when she was stung on the tonsil by a bee which she swallowed when eating grapes.

Nine Minutes for Embezzlement. Little Rock, Ark.—On pleas of guilty under nine charges of embezzlement, Irving Hirsch was sentenced to one minute of imprisonment in each case, along with fines aggregating \$225.

COURT RULES BAR GORDON RETURN

ALLOWED TIME LIMIT TO SLIP BY WITHOUT MAKING ANY ANSWER.

HEARING SET FOR NOVEMBER 1

General Impression Prevails That School Money Will Be Raised and Gass' Mandamus Suit Dismissed.

Jefferson City.

Under the rules of the Missouri supreme court, strictly enforced, Auditor Gordon is barred from making his return to the mandamus suit filed by Howard A. Gass, state superintendent of education, to recover \$514,000 which was withheld from the school fund in a recent appropriation.

Gordon's return should have been made on Sept. 1, but more than a month has elapsed and he has taken no action.

Gass' mandamus against the auditor is set for hearing before the supreme court en banc on Monday, the first day of November.

The general impression here is that the auditor will try to raise the necessary money and make the appropriation so that Gass will dismiss his suit.

Missouri Men Mostly Farmers.

Out of 1,468,336 males in Missouri more than 10 years of age, 1,184,449 are engaged in gainful occupations, according to a bulletin issued by the state bureau of labor statistics, of which John T. Fitzpatrick is the head.

The greater portion of Missouri's male population is engaged in either agricultural, forestry or animal husbandry, there being 485,579 following this classification. Included are 282,976 farmers and 132,643 laborers.

Most of Missouri's farmers either wholly or partially own their farms. There are in the state, 5,567 gardeners, florists, fruit growers and nurserymen. That Missouri still places lumber on the market is shown by the fact that 4,261 men were either timbermen, raftsmen or woodchoppers. Fishermen and oystermen numbered 476.

Missouri coal, zinc, lead, iron and other mines furnished employment to 28,427 men, including mine operators, officials, managers and miners. That silver is found in the state is revealed by the fact that 52 males were employed in connection with silver mines.

Missouri manufacturing and mechanical industries furnish employment to 283,147 men.

Missouri men following gainful occupations are listed under 522 different headings. For every woman working for either salary or wages there are five men following pursuits peculiar to their sex.

Election Call Illegal. Because of a technical omission in the drafting of petitions for Cole county's proposed jail, tuberculosis and good roads bond issues, aggregating \$150,000, the whole proceeding has been declared void in an opinion by Attorney W. S. Pope. It will be necessary for the county court to set aside the election called for October 19 and take up the whole proposition anew.

The election was called upon the petition of several hundred taxpayers of the county. The petitions failed to state the signers were qualified voters of the county. For this reason, Pope held, the bonds if voted could be attacked and their issuance declared invalid.

Governor Major Denies Rumor. Gov. Major is out in a statement in which he denies that he will not be a candidate for the nomination for United States senator. The governor says: "The Republican city and country press is busy these days manufacturing and circulating reports that I will not be a candidate for the United States senate. These reports are without any authority to speak for me. It is too early for a person to be talking about being a candidate for office. I will speak for myself in due time." The chances are that his announcement will not be made until about the first of the new year.

Clerks Raid Treasury. On October 1 there was a balance of approximately \$150,000 in the general fund of the state treasurer's office, and the payroll for the month is \$160,000. Clerks in the state employ swarmed into the paymaster's office when this condition was discovered.

Deep Interest in Roads. Hundreds of road overseers from all sections of the state attended the state fair to learn how much can be accomplished in that line with the assistance of modern and cheap machinery.

Baggage Books Protested. Several Missouri railroads have filed with the state public service commission a petition asking permission to withdraw from sale excess-baggage money scrip books, claiming there is no demand for them.

New Expert for Commission. J. D. Bowles of Westphalia, Ohio county, has retired as the water, gas and electric light expert of the public service commission. He was succeeded by J. A. Whitlow of St. Louis. Both are state university men.

Hadley to Speak Up. Friends of former Gov. Herbert S. Hadley are expecting definite announcement from him within the next few days as to whether he will be a candidate for the United States senate next year.

Barker Won't Assist Gordon.

Attorney General Barker has announced that he would not represent State Auditor Gordon in the controversy between the latter and State Superintendent of Public Schools Gass over the August apportionment of state school moneys amounting to \$514,000, which were withheld from fees arising from the beer inspection tax, grain inspection fees, etc., but which heretofore have been made a part of the school moneys.

The attorney general said that after a full investigation he had decided that this money belongs to the schools and should have been so apportioned, and that in view of the fact that he had recalled a former opinion of one of his assistants, delivered last May, to the auditor, he could not now represent the auditor in the supreme court.

Auditor Gordon stated that he had not yet received notice of the attorney general's stand here given, and for the present time he had nothing to say. He may employ an attorney to represent him.

The supreme court will not meet until October 12, and accordingly no definite move can be made before that time.

Superintendent Gass already has employed an attorney to represent him.

Beer Drinking on the Decrease.

The per capita consumption of beer in Missouri for the past year ending Sept. 30, 1915, has slumped more than three gallons, according to figures obtained from Speed Mosby, state beer inspector.

This represents a loss in revenue to the state for the year of \$67,270, which in the present depleted condition of the state's finances is serious.

Missourians drank during the year ending September 30, 1915, 10,694,256 gallons less beer than they consumed the previous year. This is 342,967 barrels of 31 gallons each.

The heavy decrease in the amount of beer consumed is attributed to the remarkably low temperature of the summer and the growth in the moving picture habit.

The total collections upon beer inspections for the year were \$461,152, as against \$528,422 for the preceding twelve months.

Notwithstanding the decreased consumption of beer, enough was consumed in Missouri to give every man, woman and child in the state more than 18 gallons. This represents a total of 2,371,879 barrels, or 63,528,249 gallons.

Prison Contract Must End.

Attorney-General John T. Barker, who is ex-officio a member of the board of prison inspectors, expressed astonishment at the disclosures concerning the Oberman contract with the state factories at the penitentiary and declared that he would see that the contract is terminated at the first meeting of the prison board.

Barker declares that although the contract with Oberman is supposed to have been made with the prison board, he knew nothing of its provisions and did not dream that such arrangements had been made between the board and Oberman.

It was learned that instead of marketing the state product on a commission basis, Oberman had agreed to pay the state 75 cents a day for each convict the state worked in its own factory, and that he had guaranteed to bear the expense of machinery wear and overhead charges.

This arrangement is almost identical with the contract by which he operates his private factory in which he pays the state 75 cents a day for each man.

Major Chooses Champ Clark.

Champ Clark, speaker of the national house of representatives, is the greatest living Missourian, according to an announcement made by Gov. Elliott W. Major.

Charles Moore, president of the Panama-Pacific exposition, had asked the governor to name the greatest living Missourian.

Messages giving the decision were flashed to Moore at San Francisco, and one was sent to Speaker Clark, who is at St. Joseph, Mo.

That the governor should select Champ Clark was not, however, a surprise. The governor and the speaker have been close friends for many years. They were at one time associated in the same law office in Pike county, and Gov. Major has often said that he learned most of the law he knows through their association.

Admiralty Suit at Capital.

The first admiralty proceedings filed in the United States district court at Jefferson City in 20 years was filed by members of the crew of the steamer Dixie, to recover wages due them, aggregating \$513. A. G. Thomas is captain.

Professional Men in Missouri.

There are 38,469 professional men in Missouri, and doctors head the list with 7,205; teachers come next with 5,247; lawyers, 4,988, and 4,882 preachers of various denominations.

Special Session Probable.

Governor Major in a speech at the state fair threatened to call an extra session of the legislature to iron out the school fund muddle if the October term of the supreme court failed to uphold Superintendent Gass.

Labor Indorses Land Bank.

The State Federation of Labor in session at Moberly last week went on record in favor of the land bank law. This means that union labor men all over the state will give their full support to the measure.

Land Bankers at State Fair.

The land bank boomers have made quite a showing at the state fair at Sedalia. They had a large tent, and prominent men from all over Missouri addressed the crowds several times daily.

New Good Roads Movement.

Sam D. Hodgdon of St. Louis county, has issued a call to all interested to join the "Safety First" organization now being formed in each rural district. The object is to improve the roads all over the state.

HAPPENINGS of the week IN MISSOURI

A. P. Anterrief of New Franklin, 32 years old, conductor of a train from New Franklin to Moberly, is dead from injuries received while making a coupling at Higbee. He leaves a widow and two children. Mrs. Anterrief is a daughter of Postmaster J. D. Settles of New Franklin.

Seven-year-old William Kinbrell of Sapulpa, Ok., died in a hospital at Springfield from blood poisoning that developed from a wound in his left knee caused by falling upon a rusty needle on July 19. His father is general foreman for the Frisco at Sapulpa.

After being apparently dead for more than an hour, and an undertaker had been called in, W. V. Cunningham, 35 years old, a farmer who lives near Willow Springs, was revived in a hospital at Springfield and physicians said that he may recover.

Frank R. Jesse of Webster Groves was elected grand master of the Missouri grand lodge of Masons at the ninety-fifth annual meeting at St. Louis recently.

At a recent meeting the First Presbyterian Church of Carthage voted to build a \$40,000 stone structure. Work will begin at once, the needed money having been raised after a campaign extending over a period of twelve years.

The Bellflower News, owned by C. D. Hendershot, formerly of the Wells-Ville Optic-News, has been sold to H. C. Kreles of St. Louis. The paper will be enlarged. Mr. Hendershot will move to the West.

Seventy-five children, all in their night clothes, were led to safety by the sisters of the St. Francis orphan's home near Nevada when that structure was destroyed by fire the other night. The loss was \$75,000 and the orphanage was insured for about a third of that amount.

Stock raisers near Nevada are searching for a pack of half wild dogs that has been attacking milk cows the last few weeks. Fine cows have been found in their pastures badly torn about the nose and haunches, and unable to rise. The marks indicate the leader of the pack is a bulldog.

The biggest quarry deal in the history of the Carthage field was consummated when John Gill & Sons Co., who are erecting the new Missouri capitol, purchased the quarry and plant of the Carthage Superior Company for \$100,000.

L. M. Applegate, father-in-law of Congressman W. W. Ryker, is dead at Keytesville. He was almost 84 years old. For more than eighty years he was a resident of that town and was one of the largest land-owners in the county.

Recent attacks on the toothbrush that tend to show it is insanitary, were characterized as "foolish" by Dr. M. P. Ravanel, professor of bacteriology and preventive medicine of Missouri University in a talk before university students.

While playing with a rifle, Robert Leonard, 6 years old, son of a patrolman, shot and killed James Cavanaugh, 24 years old, at St. Louis the other night.

Steven Koelin, a Warren County farmer, was found dead, evidently killed by a vicious bull in a field of cowpeas. His abdomen was pierced and his body mangled.

Hiram Smith, 80 years old, a pioneer stockman of southwest Missouri, is dead at his home in Carthage. Smith was a drummer boy in Sheridan's army during the Civil War.

A \$23,000 fire occurred at Atlanta, Macon County, early the other morning. The Baptist Church was among the buildings burned.

Clayton Hill was found guilty of murder in the second degree, at Princeton, for the killing of his wife last February. He was sentenced to twenty years in the penitentiary.

The enrollment in the University of Missouri for the winter session now is 3,728, an increase of 357 over that of last year.

Solomon Bryson, 71 years old, was married recently to Mrs. Fannie Lewis, 40. Their home is in Sturgeon.

A. B. Little, former city clerk and president of the Moberly board of education, is dead at Moberly. He is survived by a widow and four brothers.

Charles L. Dougherty of Liberty is dead. He was a lawyer and a brother of the late Congressman John Dougherty. For a time he was connected with the Liberty Tribune and he was in the internal revenue service four years.

Columbia has been selected as state headquarters for the Seventh Day Adventist Church. More than \$3,000 has been raised to construct a church which will also contain offices for state officers of the organization. Later a school will be established.

Charles Krumer, farmer, was probably fatally injured at Carthage when he tried to stop a runaway team which was pulling a wagon load of apples. The frightened horses threw him under the wheels, which passed over his body, crushing his chest and breaking both legs.

The Anti-Saloon League of Missouri, through the next legislature, will seek again to bring about statewide prohibition, it was announced at the league's headquarters in St. Louis recently.